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Current Trends in Biopolymer-Based Films and Coatings for Food Packaging

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Deadline for manuscript submissions:

closed (31 January 2022)

Message from the Guest Editors

Biopolymer-based films and coatings have successfully been used for packaging various food products. It is our pleasure to invite you to submit a manuscript to this Special Issue. In particular, the topics of interest include but are not limited to the following:

Biopolymer (protein, polysaccharides and lipids) based eco-friendly food packaging materials;

Biopolymer-based edible/biodegradable films and coatings for food packaging;

Biopolymer-based active and intelligent packaging;

Incorporation of nanomaterials, crosslinkers and plasticisers to improve mechanical, physical, and thermal properties of biopolymers;

Modifications, functionalisation, and/or blending of biopolymers with other polymers to improve the functional properties of the packaging;

Incorporation and encapsulation of antimicrobial and bioactive compounds in food packaging to extend the shelf-life of food products;

Novel approaches to fabricate food packaging films and coatings.



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Special Issue



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Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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